

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200 Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)**Quatshield****Item #513-09-009-01 (Gallons)****Item #513-09-009-02 (55 Gallon Drum)****Section I****Illinois Correctional Industries****1301 Concordia Court****P.O. Box 19277****Springfield, IL 62794-9277**

Emergency Telephone Number

In case of poisoning, call

your poison control center at **1-800-222-1222**

Telephone Number for Product Information

Date Prepared

1-800-634-0213

02/01/10

Section II -- Hazardous Ingredients/Identity Information**Hazardous Components****OSHA PEL
CAS #****ACGIH TLV****Other Limits
Recommended****%**

68424-85-1 Alkyldimethylbenzyl Ammonium Chloride

N/A

N/A

N/A

1.5%

32426-11-2 Octyl Decyl Dimethyl Ammonium Chloride

N/A

N/A

N/A

0.0

Section III -- Physical/Chemical Characteristics**Boiling Point**

211° F

Specific Gravity (H2O = 1)

1.02 GM/ML

Vapor Pressure (mm Hg)

24mm

Melting Point

N/A

Vapor Density (Air = 1)

c.a. 0.7

Evaporation Rate (Butyl Acetate = 1)

1

Solubility in Water

Yes

Appearance and Odor

Golden Liquid/slight lemon fragrance

Section IV -- Fire and Explosion Hazard Data**Flash Point (Method Used)**

>212° F.c.c.

Flammable Limits

N/A

LEL Unknown**UEL** Unknown**Extinguishing Media**

Water

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None known

Section V -- Reactivity Data**Stability**

Product is stable under normal conditions

Unstable

Stable

yes

Conditions to Avoid

N/A

Incompatibility (Materials to Avoid)

None Known

Hazardous Decomposition or Byproducts

NONE

Hazardous**Polymerization**

May Occur

Will Not Occur

Conditions to Avoid

N/A

X

Section VI -- Health Hazard Data

Route(s) of Entry	Inhalation?	X	Skin?	X	Ingestion?	X	Eyes?	X
Health Hazards (<i>Acute and Chronic</i>)								
May cause irritation								
Carcinogenicity	None Known	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A	
Signs and Symptoms of Exposure								
Irritation								
Medical Conditions Generally Aggravated by Exposure								
N/A								
Emergency and First Aid Procedures								
EYES: Flush immediately with plenty of water for at least 15 minutes.								
INGESTED: DO NOT INDUCE vomiting. Drink large amounts of liquids. INHALED: Remove to fresh air. If not breathing give artificial respiration. SKIN: Wash exposed skin with soap and water. Call physician.								

Section VII -- Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled	Avoid skin and eye contact.
Waste Disposal Method	Dispose in accordance with Local, State or Federal Regulations
Precautions to Be Taken in Handling and Storing	Avoid temperature extremes.
Other Precautions	Eliminate ignition sources

Section VIII -- Control Measures

Respiratory Protection (<i>Specify Type</i>)		None Required		
Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical (general)	N/A	Other	N/A
Protective Gloves	Recommended (Rubber)		Eye Protection	Safety Glasses
Other Protective Clothing or Equipment		Protective Clothing		
Work/Hygienic Practices		Safety wash		

Section IX - Additional Information

Illinois Correctional Industries believes the information and recommendations contained herein (including Data and Statements) are accurate as of the date hereof. No warranty is expressed or implied concerning the information provided herein and Illinois Correctional Industries assumes no responsibility for the accuracy or completeness of the data contained herein. The information provided relates only to the specific product designated and may not be valid where such product is used in combination with any other materials or in any process. This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200 and supersedes any previous information. Previously data sheets are invalid and non-applicable.